



☐ Approved

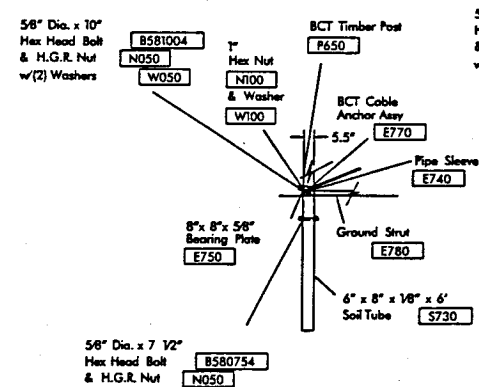
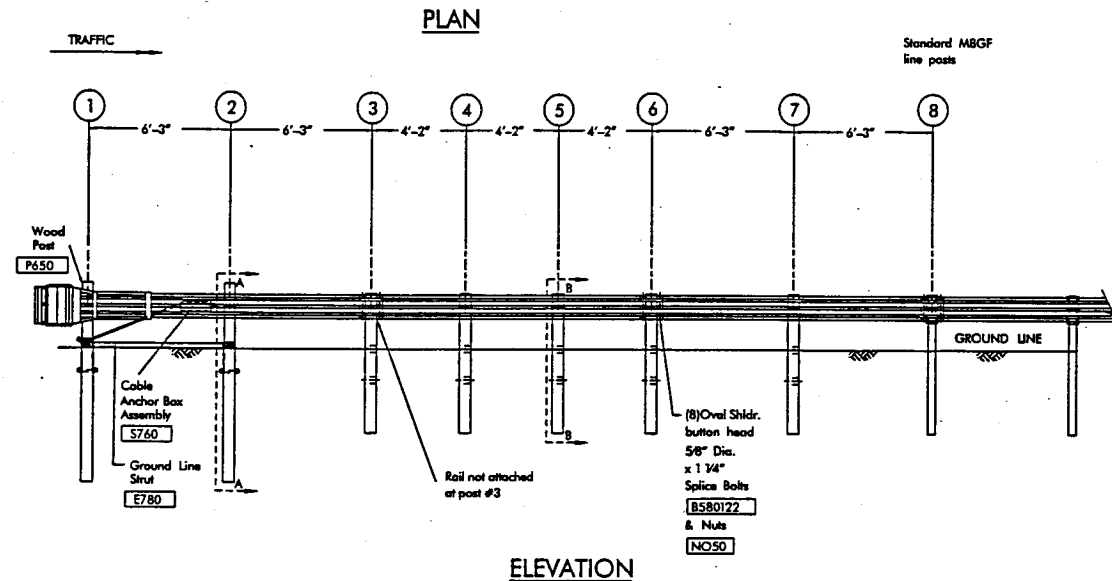
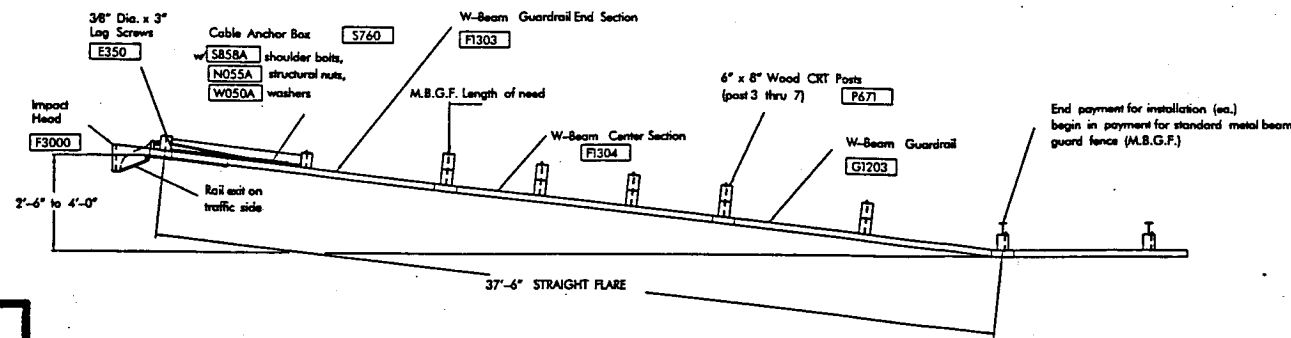
☒ Approved with revision

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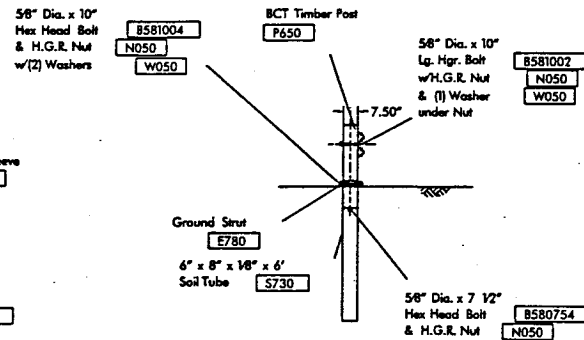
Solid Foundation Tubes only (E731)

BY: *P. H. Butler*

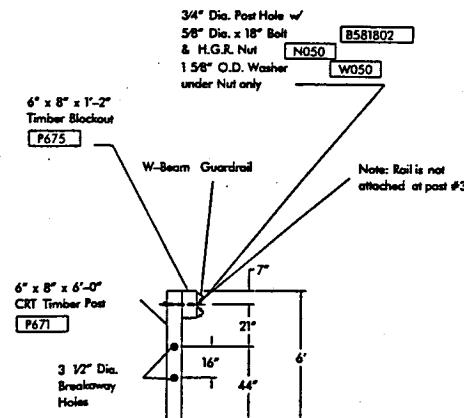
DATE: 9/25/98



PARTIAL VIEW OF POST 1



SECTION A-A at Post #2

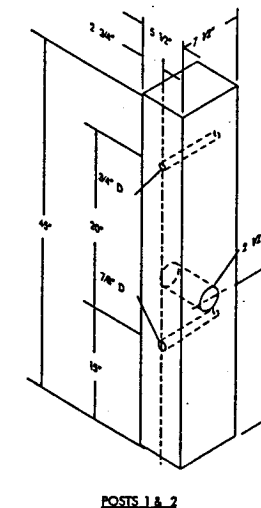


SECTION B-B typical @ Post 3 thru 7

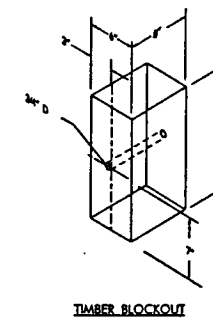
All measurements should be taken from bottom of post

#### GENERAL NOTES

1. Wood posts are required with the FLEAT
2. All bolts, nuts, cable assemblies, cable anchors and bearing plates shall be galvanized.
3. The soil tube shall not protrude more than 4" above ground (measured along a 5' cord). Site grading may be necessary to meet this requirement.
4. The soil tubes may be driven with an approved driving head. They shall not be driven with the wood post in the tube. If the soil tubes are placed in drilled holes, the backfill material must be satisfactorily compacted to prevent settlement.
5. When rock is encountered during excavation, a 12" Dia. post hole, 20" deep may be used if approved by the engineer. Granular material will be placed in the bottom of the hole approx. 2 1/2" deep to provide drainage. The soil tubes will be field cut to length, placed in the hole and backfilled with adequately compacted material excavated from the hole.
6. The breakaway cable assembly must be taut. A locking device, (vice grips or channel lock pliers) should be used to prevent the cable from twisting when tightening nuts.
7. The wood blockouts shall be "toe nailed" to the rectangular wood posts to prevent them from turning when the wood shrinks.
8. For curb installations, the soil tubes and posts shall be installed at the proper ground elevation behind the curb. The posts will require field drilling new holes to accommodate the rail to the post connecting bolt to maintain the proper height of the rail above the gutter pan. The excess post length above the rail will be removed if directed by the engineer.



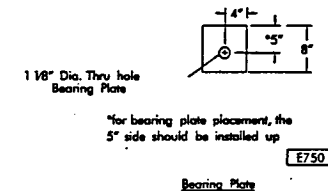
POSTS 1 & 2



TIMBER BLOCKOUT

#### Foundation Tube Options For Posts 1 & 2

- \* 6'-0" Split Foundation Tubes S730
- \* 6'-0" Solid Foundation Tubes E731
- \* 5'-0" Foundation Tubes S735 w/ Soil Plates SP600
- \* 4'-6" Foundation Tubes E735 w/ Soil Plates SP600



1 1/8" Dia. Thru hole Bearing Plate

\*for bearing plate placement, the 5" side should be installed up

Bearing Plate

#### Flared Energy Absorbing Terminal (FLEAT - 350) Assembly 2'-6" to 4'-0" Offset

DRAWN/REVISED BY: JRR/SML DATE REVISED: 9/03/98 DWG. NO.: FLT- US PG. OF: 11

ROAD SYSTEMS INC.

BIG SPRING, TX

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